

COUNTY COUNCIL
OF
HARFORD COUNTY, MARYLAND

BILL NO. 03-15

Introduced by Council President Wagner at the request of the County Executive

Legislative Day No. 03-9 Date April 1, 2003

AN ACT to repeal and reenact, with amendments, Section 105-3, Adoption of standards, of Article I, General Provisions; to repeal and reenact, with amendments, Subsection E of Section 105-19, Applicability of Article, of Article III, Licenses; all of Chapter 105, Electricity, of the Harford County Code, as amended; to provide that Harford County shall adopt as its standard for electrical installation regulations the National Electrical Code (2002) with certain amendments thereto; to further provide penalties for the violation of the electrical installation standards; and generally relating to electrical installations in Harford County, Maryland.

By the Council, April 1, 2003

Introduced, read first time, ordered posted and public hearing scheduled

on: May 20, 2003

at: 7:15 p.m.

By Order: /s/ Mary Kate Herbig, Acting Council Administrator

PUBLIC HEARING

Having been posted and notice of time and place of hearing and title of Bill having been published according to the Charter, a public hearing was held on May 20, 2003, and concluded on, May 20, 2003.

s/ Mary Kate Herbig, Acting Council Administrator

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW. [Brackets] indicate matter deleted from existing law. Underlining indicates language added to Bill by amendment. Language lined through indicates matter stricken out of Bill by amendment.

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Section 1. Be It Enacted By The County Council of Harford County, Maryland that Section 105-3, Adoption of standards, of Article I, General Provisions, and Subsection E of Section 105-19, Applicability of Article, of Article III, Licenses, all of Chapter 105, Electricity, of the Harford County Code, as amended, be, and they are hereby, repealed and reenacted, with amendments, all to read as follows:

Chapter 105. Electricity

Article I. General Provisions

§ 105-3. Adoption of standards.

A. The National Electrical Code, [1999] (2002 Edition), including all [appendixes] ANNEXES, as adopted by the National Fire Protection Association, is hereby adopted as the Harford County Electrical Code, and it is incorporated by reference hereto and is made a part of this chapter with the same force and effect as though set out in full herein, save and except such changes, amendments, revisions, deletions, substitutions and additions as are specified. All electrical installations in Harford County shall meet the standards and requirements set forth by the National Electrical Code and this chapter and all rules and regulations.

B. Exceptions and modifications to THE NATIONAL ELECTRICAL CODE (2002) [1999 Electrical Code].

(1) Aluminum conductors of [Number] 6 AWG and smaller are not permitted.

(2) IN SUBSECTION 210.8(B)(3), RENUMBER THE EXCEPTION LISTED AS “EXCEPTION NO. 1” AND INSERT THE FOLLOWING LANGUAGE AFTER THE EXCEPTION: “EXCEPTION NO. 2: RECEPTACLES THAT ARE NOT READILY ACCESSIBLE. EXCEPTION NO. 3: A SINGLE RECEPTACLE OR A DUPLEX RECEPTACLE FOR TWO APPLIANCES LOCATED WITHIN DEDICATED SPACE FOR EACH APPLIANCE

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1 THAT, IN NORMAL USE, IS NOT EASILY MOVED FROM ONE PLACE TO ANOTHER AND
2 THAT IS CORD-AND-PLUG CONNECTED IN ACCORDANCE WITH SUBSECTION
3 400.7(A)(6), (7) OR (8).”

4 (3) [(2)] Subsections 210[-].52([b]B)(1) and (2) of the National Electrical Code
5 [1999] (2002) are deleted and the following is inserted in lieu thereof: “The three or more
6 twenty-ampere small appliance branch circuits required by Section 210[-].11([c]C)(1) shall serve all
7 receptacle outlets, including refrigeration equipment, in the kitchen, pantry, breakfast room, dining
8 room, or similar area of a dwelling unit. Such circuits, whether three or more are used, shall have no
9 other outlets.”

10 (4) [(3)] Subsection 210[-].11(C)(1) of the National Electrical Code [1999]
11 (2002) is deleted and the following is inserted in lieu thereof: “Small Appliance Branch Circuits. In
12 addition to the number of branch circuits REQUIRED BY OTHER PARTS OF THIS SECTION
13 [determined in accordance with (a) above], three or more 20 ampere small appliance branch circuits
14 shall be provided for all receptacle outlets specified by Section 210[-].52(B) [for small appliance
15 loads].”

16 (5) IN SUBSECTION 210.12(B) OF THE NATIONAL ELECTRICAL CODE
17 (2002), ADD THE FOLLOWING EXCEPTION: “EXCEPTION: OUTLETS FOR FIRE AND
18 SMOKE DETECTION DEVICES.”

19 (6) IN SUBSECTIONS 240.21(B)(1) AND (B)(2) OF THE NATIONAL
20 ELECTRICAL CODE (2002), ADD THE FOLLOWING EXCEPTION: “EXCEPTION: IN
21 METER ROOMS, THE CONDUCTORS WITHIN THE AUXILIARY GUTTER THAT SUPPLIES
22 THE METERS SHALL NOT COUNT AS A PART OF THE TOTAL LENGTH.”

23 (7) [(6)] IN SUBSECTION 250.52(A) OF THE NATIONAL ELECTRICAL

CODE (2002), ADD THE FOLLOWING LANGUAGE AFTER “ELECTRODES PERMITTED FOR GROUNDING.”: “THE PRINCIPAL GROUNDING ELECTRODE FOR ALL NEW STRUCTURES SHALL BE A CONCRETE ENCASED ELECTRODE INSTALLED IN ACCORDANCE WITH THIS SUBSECTION.”

[(4) In Subsection 336-5(a)(1) of the National Electrical Code (1999), the word “three” is deleted and the word “four” is inserted in lieu thereof.]

(8) IN SUBSECTION 338.10(B)(2) OF THE NATIONAL ELECTRICAL CODE (2002), ADD THE FOLLOWING EXCEPTION: “EXCEPTION: A CABLE THAT DERIVES FROM THE SERVICE ENTRANCE EQUIPMENT, HAS A FINAL NONMETALLIC OUTER COVERING AND IS SUPPLIED BY ALTERNATING CURRENT AT NOT OVER 150 VOLTS TO GROUND SHALL BE PERMITTED TO SUPPLY OVERHEAD FEEDERS TO OTHER BUILDINGS ON THE SAME PREMISES.”

(9) IN SUBSECTION 410.16(C) OF THE NATIONAL ELECTRICAL CODE (2002), ADD THE FOLLOWING LANGUAGE: “ALL ‘LAY-IN’ LUMINAIRES REQUIRE INDEPENDENT SUSPENSION TO ENSURE THE LUMINAIRE WILL NOT DROP WHEN THE FRAMING MEMBERS NO LONGER PROVIDE SUPPORT. AT A MINIMUM, 12 SWG WIRE WHICH IS FIRMLY SECURED TO THE BUILDING STRUCTURE AND THE LUMINAIRES MUST BE UTILIZED. TWO (2) RESTRAINING WIRES AT OPPOSITE AND OPPOSING CORNERS ARE REQUIRED FOR FLUORESCENT LUMINAIRES AND FOUR (4) RESTRAINING WIRES, ONE AT EACH CORNER ARE REQUIRED WHEN INSTALLED IN FIRE RATED CEILINGS. OTHER TYPES OF LUMINAIRES INSTALLED IN SUSPENDED CEILINGS MUST HAVE AT LEAST ONE 12 SWG OR LARGER WIRE WHICH IS FIRMLY SECURED TO THE BUILDING STRUCTURE AND THE LUMINAIRE AS A SECONDARY

1 SUPPORT TO PRECLUDE THE DANGER OF FALLING WHEN THE FRAMING MEMBERS
2 FAIL OR ARE REMOVED.”

3 **Article III. Licenses**

4 **§ 105-19. Applicability of Article.**

5 E. No license or permit shall be required for installations of low voltage systems of 50
6 volts or less WITHIN A DWELLING.

7 Section 2. And Be It Further Enacted that this Act shall take effect 60 calendar days from the date
8 it becomes law.

EFFECTIVE: July 28, 2003

*The Acting Council Administrator does hereby certify
that fifteen (15) copies of this Bill are immediately available for
distribution to the public and the press.*

/s/ Mary Kate Herbig
Acting Council Administrator

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HARFORD COUNTY BILL NO. 03-15

Brief Title Electrical Code
is herewith submitted to the County Council of Harford County for enrollment as being the text as finally passed.

CERTIFIED TRUE AND CORRECT

ENROLLED

s/ Mary Kate Herbig

/s/ Robert S. Wagner

Acting Council Administrator

Council President

Date May 21, 2003

Date May 21, 2003

BY THE COUNCIL

Read the third time.

Passed: LSD 03-14

Failed of Passage: _____

By Order

s/ Mary Kate Herbig
Acting Council Administrator

Sealed with the County Seal and presented to the County Executive for approval this 21st day of
May, 2003 at 3:00 p.m.

s/ Mary Kate Herbig
Acting Council Administrator

BY THE EXECUTIVE

/s/ James M. Harkins
COUNTY EXECUTIVE

APPROVED: Date May 28, 2003

BY THE COUNCIL

This Bill (No.03-15), having been approved by the Executive and returned to the Council, becomes Law (May 28, 2003).

EFFECTIVE DATE: July 28, 2003